



THIS IS WELSH PORTS  
THIS IS WALES





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## FOREWORD

Wales stands at the heart of the UK's clean energy revolution. Our unique geography, combined with decades of maritime and industrial expertise, positions Welsh ports as the natural gateway to unlocking the extraordinary potential of offshore wind.

With operational capacity forecasted to reach over 20GW for offshore wind around Wales by 2045, Wales offers more than just a strategic location. Our two Freeports provide investors with tax incentives, streamlined customs processes, and development-ready sites. From the Port of Mostyn's proven track record — supporting over 500 turbine installations — to Pembroke Port's direct access to Celtic Sea development zones, Welsh ports deliver end-to-end capabilities.

This prospectus demonstrates our position at the forefront of the UK's growing innovation-driven industrial ecosystem. Working alongside the UK Government through Great British Energy's £300m investment programme and The Crown Estate's £50m Supply Chain Accelerator, we are creating the conditions for sustainable growth. Our established supply chains, skilled workforce, and collaborative approach between government, industry and academia ensure that Wales isn't just participating in the clean energy transition — we're leading it.

The numbers speak for themselves: 29,000 projected jobs, £4.5 billion economic impact, and the potential to power over four million homes by 2030. But beyond statistics, this represents a generational opportunity to build a cleaner, more prosperous

future for our communities whilst delivering the infrastructure Britain needs for energy security.

We are ready, our ports are prepared, and the opportunity is now.

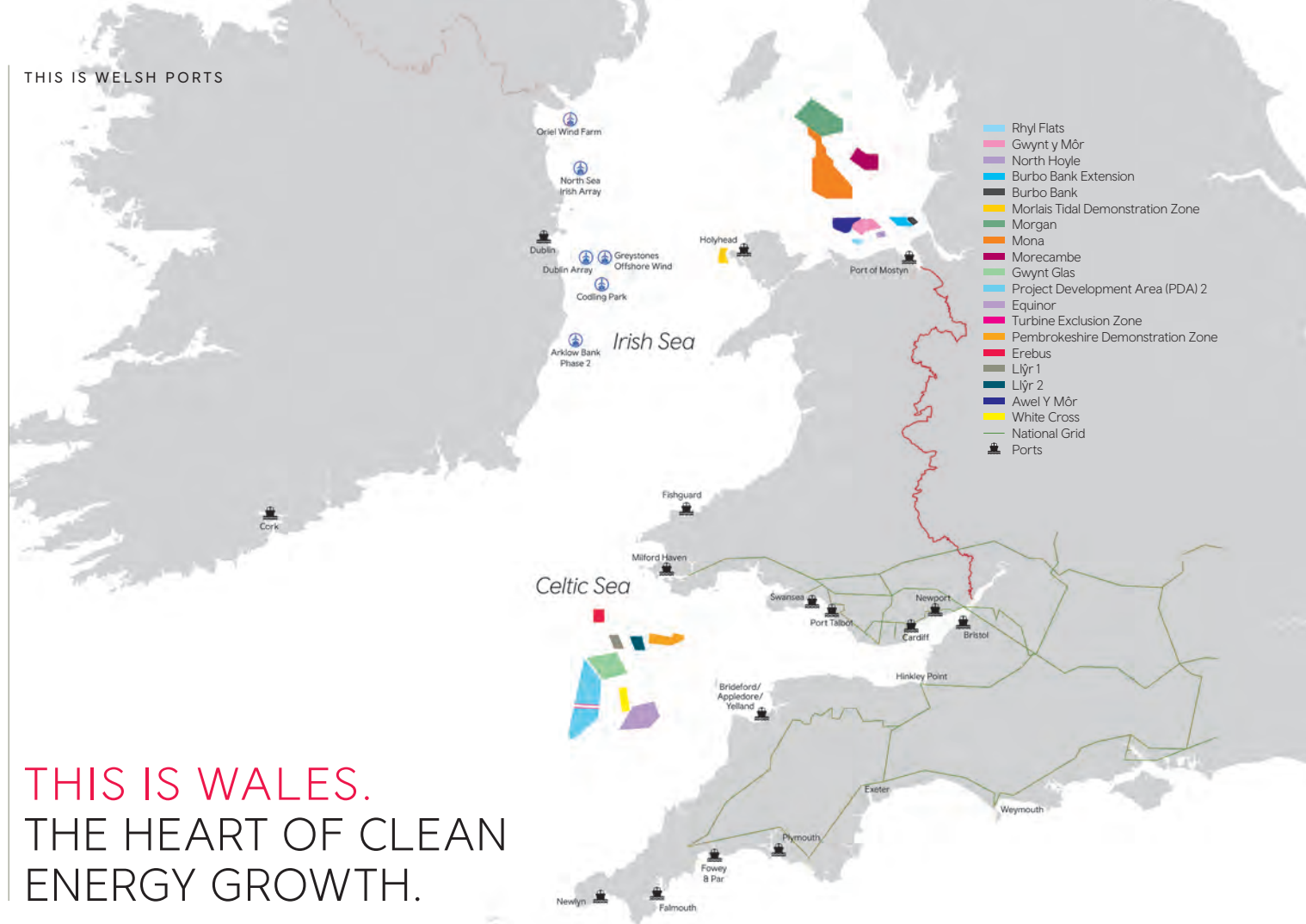


*Rebecca Evans*

**Rebecca Evans MS**

Cabinet Secretary for Economy,  
Energy and Planning

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THIS IS WALES.  
THE HEART OF CLEAN  
ENERGY GROWTH.

## This is Wales

Here in Wales, we stand at the forefront of the UK's clean energy transition, uniquely positioned to unlock the full potential of offshore wind. With a coastline that delivers natural deep-water harbours, proximity to major wind lease zones, and an agile, ready-to-scale supply chain, Wales presents one of Europe's most strategic locations for offshore wind development.

Wales is home to the UK's first fixed bottom offshore wind farm and there are 12 operational offshore wind farms off the coast of North Wales and the North West of England, with a generating capacity of nearly 3,000 MW.

Both RWE's Awel Y Môr and JERA Nex bp/EnBW's Mona projects have received their planning and consents to develop over 2GW of projects in Welsh waters. Floating Offshore Wind (FLOW) alone is forecast to create tens of thousands of jobs and generate significant private investment across the UK by 2040.

Positioned less than 50km from designated development areas in the Celtic Sea, Welsh ports are uniquely placed at the centre of this opportunity.

So it is no surprise that the Crown Estate has identified that the Celtic Sea is one of two areas across England and Wales to focus their future development of offshore wind.

## Serving as the heart of a growing, innovation-driven industrial ecosystem.

—The UK Government has set a target of 5GW of floating offshore wind (FLOW) to be delivered by 2030. Over the longer term, the Celtic Sea is expected to contribute an additional 4.5GW of floating offshore wind – enough to power over four million homes.

—The Crown Estate's latest leasing round is catalysing investment, with Wales' ports central to turbine assembly, integration, manufacturing and deployment.

—The offshore wind sector already supports 30,000 UK jobs, projected to rise to 100,000 by 2030, with Wales primed to capture a significant share of this growth.

## The Size of the Prize

—Up to 20GW of FLOW potential in the Celtic Sea by 2045.

—Projected support 29,000+ jobs across Wales.

—Economic impact of £4.5 billion+ to the Welsh economy.

—Strategic export potential to wider UK, Ireland and global markets.

## Industrial Growth Plan: A National Mission

Wales's approach to offshore wind is collaborative, targeted and strategic – ensuring long-term value for investors and communities alike. A plan underpinned by:

—**Freeports as Accelerators:** Celtic and Ynys Môn Freeports delivering development-ready land, tax incentives and simplified customs zones.

—**Connected Clusters:** Port infrastructure linked to innovation campuses, engineering hubs and R&D centres like M-Sparc and the proposed Waterside Innovation Park.

—**Clean Supply Chains:** A growing base of Welsh SMEs and anchor tenants supporting component manufacture, assembly, integration and long-term O&M services.

—**Skills for the Future:** Partnerships with colleges and universities to build a workforce ready to deliver 21st-century energy solutions.

# SECTOR OVERVIEW

As at September 2025, there was over 91GW<sup>1</sup> of offshore wind energy capacity operational globally.

China is now the dominant market, representing nearly 50% of operational installed capacity.

EnergyPulse forecasts that global market capacity could reach 244GW by 2030, of which 50% would be located in China.

## UK position

In additional project of 1.2GW is due to be commissioned in 2025, which would lift the UK's operational capacity to over 17GW.

The UK has another 24.3GW in the planning system.

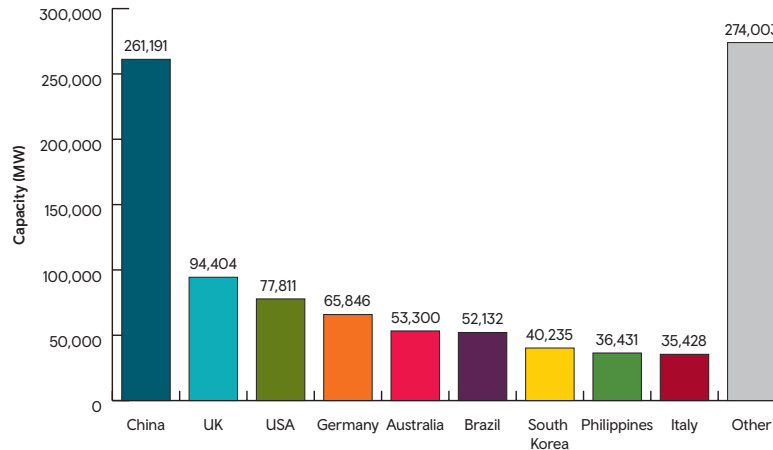
There is 24.3GW of offshore wind projects progressing through the UK planning system, which represents 27% of the global total.

<sup>1</sup>Energy Pulse, RenewableUK, 2025

## Offshore Wind Operational Capacity (MW)

	UK MW Capacity	Europe MW Capacity	China MW Capacity	Global MW Capacity
<b>Fully Commissioned</b>	16,061	37,308	44,413	87,185
<b>Partial Operation</b>	1,235	1,731	350	4,339
<b>Total</b>	17,300	39,039	44,763	91,524

## Global Total Programme, operational and new build by Country, minus overlapping projects (MW)





Wales is therefore centrally located to support projects on the west coast of Britain and in the Irish and Celtic Seas.

### **Opportunities in Wales**

Wales has a long and successful history of supporting new and expanding businesses across manufacturing, technical support and professional services.

We also have an existing centre of excellence delivering value to the offshore wind sector around the Port of Mostyn, which supports the fixed bottom market in the UK's north west.

We are looking to expand our reach into new markets in Ireland including the emerging fixed and floating offshore wind sector, which will be established within the Celtic and Irish Seas.

### **How are we going to do this?**

We are looking to leverage our existing expertise and capability across the power, defence, automotive and aerospace industries. Many of these supply chain businesses are active within the sector and we are looking forward to working with these businesses plus new entrants.

We are also working with partners in the north west and the south west of England, to maximise our potential.

### **Partnership in Action**

Wales is involved in two cross-regional initiatives within the offshore wind sector, that are focussed on delivering regional economic and social benefits.

The Celtic Sea region is the newest player in the UK's offshore wind sector.

The Celtic Sea Cluster's mission is to deliver a vibrant, commercially sustainable floating offshore wind sector across the whole of the Region.

The founding members (Welsh Government, Marine Energy Wales, Cornwall Council, Celtic Sea Power and ORE Catapult) are working closely with industry, local supply chain and key stakeholders to deliver tangible opportunities for local businesses and communities.

The Liverpool Bay and North West of the UK on the other hand has an established roster of existing and planned large-scale offshore wind developments.

In fact, the area hosts several of the UK's first operational fixed bottom windfarms.

The Region has been supported by the Offshore Energy Alliance since 2019 and has an active membership across the whole of the North Wales, Merseyside and Cumbria.

It has focussed on developing a successful supply chain for the fixed bottom wind sector. Welsh Government has worked closely with key partners across industry and the public sector in the region to deliver real opportunities to the local supply chain.



# WALES: CENTRAL TO THE CLEAN ENERGY FUTURE

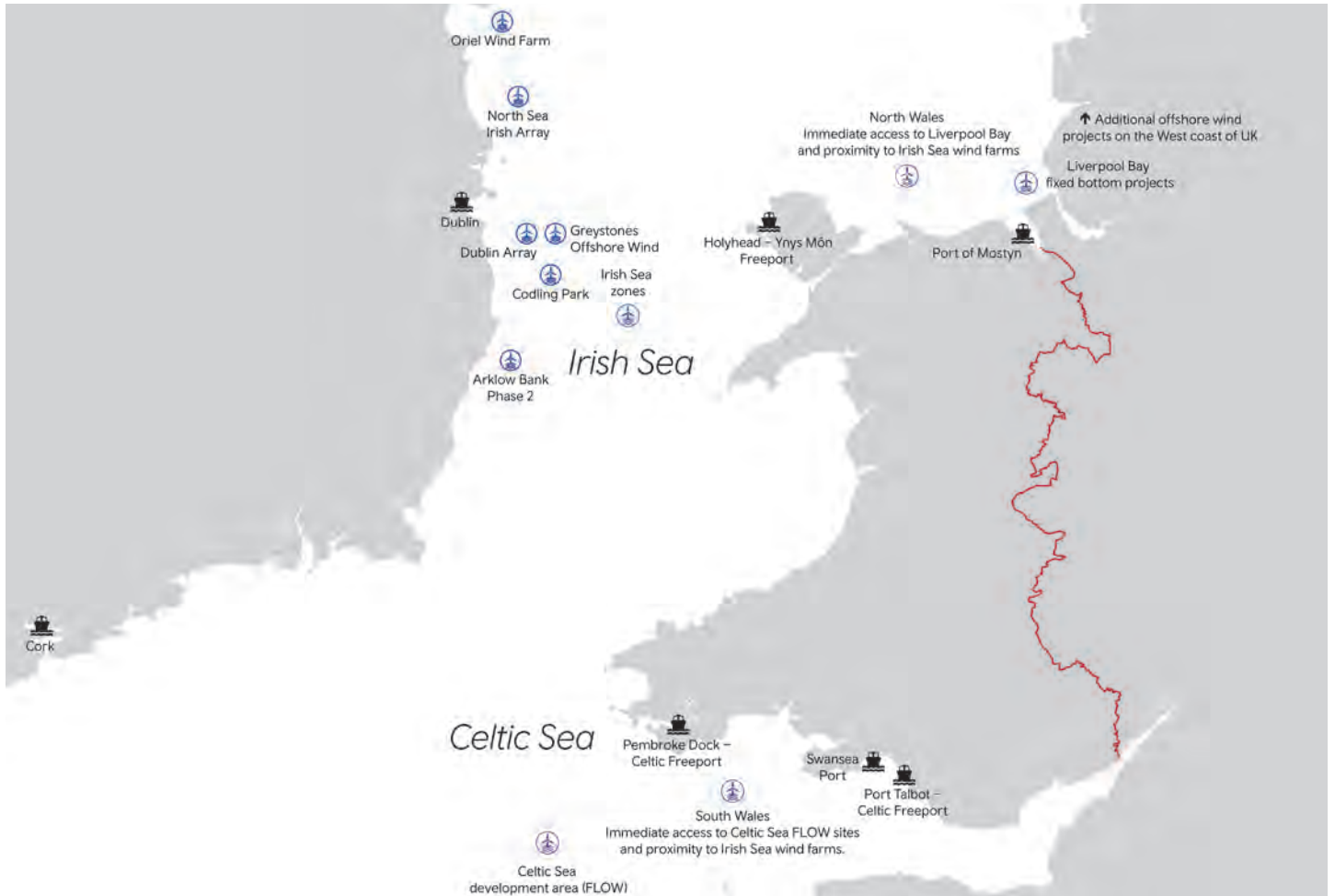
Welsh ports are uniquely positioned to serve the Irish Sea, the Celtic Sea, and wider UK and European markets.

Offering direct access to key offshore wind development zones and supported by transport links, established engineering clusters, and a vital collaborative approach between government and industry.

With deep water access, strong tidal ranges, and a growing ecosystem of industrial, academic and supply chain partners, Wales naturally offers the ideal location for offshore wind staging, manufacturing and long-term operations.

## Strategic Advantages

- ✓ Central Irish Sea location
- ✓ Proximity to Dublin, Liverpool, and Bristol Channel
- ✓ Integrated multimodal logistics networks (road, rail, sea)
- ✓ Designated Freeports with tax and customs benefits



# WALES: DELIVERING END-TO-END OFFSHORE WIND CAPABILITY

From early-stage development through to full-scale operations and maintenance, Welsh ports and their trusted partners are ready to deliver.

Whether your project is to establish foundation or cable manufacturing facilities, integration and assembly or long-term Operation and Maintenance (O&M), Wales offers a ready-made ecosystem – shaped by decades of maritime and industrial innovation and success. The Port of Mostyn has a long and successful history of servicing fixed bottom wind projects in Liverpool Bay and along the west coastline of the UK.

## Port Capabilities

—**Port of Mostyn:** Proven track record in turbine assembly, installation and O&M, with new investment in heavy-duty quays and laydown areas.

—**Holyhead/Anglesey Freeport:** Deep-water berths, integration services, and digital/logistics innovation.

—**Pembroke Dock/Celtic Freeport:** Premier gateway to Celtic Sea FLOW, expanded fabrication space, O&M service hubs and direct access to engineering talent.

—**Port Talbot/Celtic Freeport:** Is aiming to be the manufacturing hub for the Celtic Sea offering Large-scale marshalling, assembly, and integration; extensive development land for high value manufacturing.

—**Swansea:** Multi-user port with development land, ship repair, and proximity to higher education for R&D.

## Welsh ports are focussed on delivering comprehensive capabilities supporting the offshore wind sector, including:

- ✓ Foundation and substructure manufacture.
- ✓ Turbine integration and assembly.
- ✓ O&M bases.
- ✓ Specialist logistics, heavy lift, and marshalling facilities.
- ✓ Access to skilled engineering supply chains and innovation hubs.



### Key Capabilities by Stage

<b>R&amp;D</b>	Innovation clusters at M-Sparc and academic partners
<b>Foundation Manufacturing</b>	Heavy-lift quay space and fabrication zones in Mostyn, Port Talbot, Pembroke Dock
<b>Integration &amp; Assembly</b>	Deepwater berths, laydown areas and logistics at Mostyn, Pembroke, Holyhead
<b>Installation &amp; Deployment</b>	Direct access to Celtic and Irish Sea, north west coast of the UK
<b>Operations &amp; Maintenance</b>	O&M bases at Mostyn, Pembroke Dock and Holyhead; expansion opportunities in Swansea
<b>Test &amp; Demonstration</b>	WTG integration facilities across both Freeports and Port of Mostyn

### Wales can Deliver

Wales is central to creating a vibrant clean energy ecosystem: supporting advances in fixed bottom and floating technology, digital systems and hydrogen integration.

### Incentives & Support

- Freeport tax and customs relief.
- Access to innovation funding.
- Skills partnerships tailored to fixed bottom and FLOW industry needs.

This is Wales: where offshore wind businesses can, scale, stay and succeed.

# THE PORT OF MOSTYN

**The Port of Mostyn** is a privately owned port located in the Dee Estuary, North Wales, strategically positioned at the heart of the Irish Sea. As both a Statutory Harbour Authority and Pilotage Authority, Mostyn has played a pioneering role in the UK's offshore renewable energy sector.

Appointed as the construction port for the first two major offshore wind farms in UK waters-North Hoyle Offshore Wind Farm (2002) and Robin Rigg Offshore Wind Farm (2003)-Mostyn is widely recognised as the "Birthplace of the UK Offshore Renewable Energy Sector."

Since these early milestones, Mostyn has supported the installation of a further five offshore wind projects, bringing the total to 504 turbines installed from the port.

## Current Facilities & Capabilities

The establishment of three dedicated Operations & Maintenance (O&M) bases at Mostyn has created 240 skilled jobs, cementing the port's status as a key enabler of the regional clean energy economy.

Mostyn's infrastructure is tailored for the demands of the offshore wind industry. The port currently features a 310m quay and a 180m berth, both of which have been instrumental in earlier wind farm installations.

## Mostyn at a Glance

- Proven track record as a construction and installation base for major offshore wind projects.
- Three O&M bases supporting ongoing maintenance and operations.
- Heavy lift and specialist logistics services.

- Flexible berthing options for a range of vessel types, including RoRo and NAABSA barges.
- Direct access to a skilled and experienced local supply chain.

Following recent planning approval, Mostyn is embarking on the construction of an additional 13 acres of laydown area and a 265m heavy-duty quay, specifically designed to support the marshalling, assembly, and deployment of future fixed and floating wind turbine projects in both the Irish and Celtic Seas.

The new berth will provide an alongside water depth of -12m Chart Datum and incorporate heavy lift pads with a load-bearing capacity of 80 tonnes per square metre. A 50m RoRo bank-seat will allow for the discharge of turbine components from RoRo vessels and specialised blade carriers.

This berth will enable semi-submersible barges/ships to lie safely aground for loading and float-off of turbine foundations without the requirement for exceptionally heavy lift cranes. (This is the same berth system the Port used to discharge wings for the 15-year Airbus A380 aircraft export programme).

Upon completion of these upgrades, Mostyn will offer a total of 565m of berths adjacent to 120 acres of land dedicated to turbine component storage, marshalling, and assembly. The port will also provide 20,000m<sup>2</sup> of industrial buildings to support manufacturing, fabrication, coating, and final fit-out of turbines and ancillary equipment.



### Future Opportunity

- Expanded capacity for floating wind assembly and deployment.
- Enhanced integration services and logistics for next-generation turbine technology.
- New industrial space for co-location of supply chain partners and advanced manufacturing.
- Strategic hub for both Irish Sea and Celtic Sea offshore wind projects, supporting the UK's net zero ambitions.

### Key Facts

- 565m total quay length (post-upgrade)
- 120 acres of marshalling and assembly land
- 20,000m<sup>2</sup> industrial buildings
- 12m water depth at new berth
- 80t/m<sup>2</sup> heavy lift capacity
- 240 O&M jobs supported

# FREEPORTS IN WALES: ACCELERATING CLEAN GROWTH

The Freeport Programme in Wales is a joint initiative between the Welsh and UK Governments, designed to:

- Promote regeneration and high-quality job creation.
- Establish national hubs for global trade and investment.
- Foster an innovative environment.

Two strategic Freeports are now operational with designated tax sites:

- Anglesey Freeport** – North Wales
- Celtic Freeport** – South/West Wales

Offering commercial incentives and ready-to-develop sites aligned with offshore wind growth strategy.

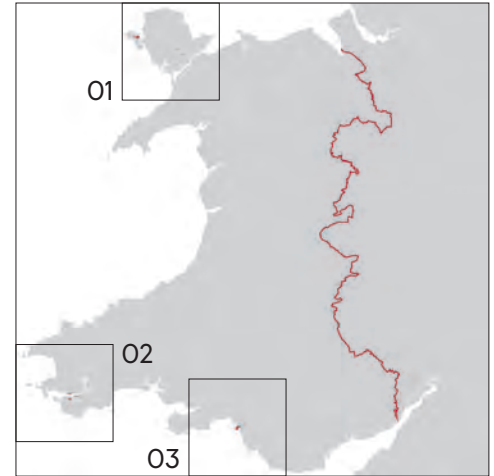
Both Freeports offer high-impact investment platforms that combine world-class locations, innovation and infrastructure.

## Possible Incentives and Support

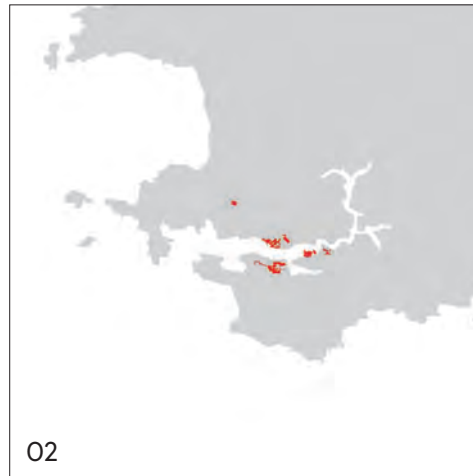
Incentive/Support	Details
<b>UK Tax Relief</b>	Employer National Insurance relief on new employees (up to £25,000 salary, for 3 years).
<b>Welsh Tax Reliefs</b>	Business/non-domestic rates relief for up to 5 years, 100% capital allowances on qualifying plant, machinery and buildings (allowing major tax write-offs), Stamp Duty Land Tax relief on land purchases within the Freeport zone.
<b>Customs Simplification</b>	Import goods without paying tariffs or VAT until they leave the Freeport, No tariffs at all if goods are re-exported, Reduced administrative burden through simplified customs processes.
<b>Non Domestic Rate (NDR) Retention</b>	100% retention of NDR growth for reinvestment.
<b>Seed Capital</b>	Up to £25m per Freeport for infrastructure
<b>Planning and Infrastructure</b>	Streamlined planning processes, Access to modern infrastructure, often co-funded with public investment



**Anglesey Freeport –  
North Wales**



**Celtic Freeport –  
South/West Wales**



# HOLYHEAD PORT/ANGLESEY FREEPORT

## Where is the port?

**Holyhead Port** is on the Isle of Anglesey on the Northwest tip of Wales, centrally located for the Irish Sea.

The Port is strategically located, 50NM from Dublin to serve the Wind and Energy sector projects in the Irish Sea and benefits from excellent transport links offering numerous daily sailings to Dublin (circa – 3.5 hours) with immediate access to the A55 and served by the main West coast rail line with services direct to London Euston.

## Primary Areas of Focus: Now

–Deep water berth/no tidal or lock restrictions.

We can support:

- O&M.
- Material Handling.
- Import.
- Ship to Ship transfer.
- Sheltered anchorage.

## Primary Areas of Focus: Future Opportunity

- Integration services.
- Engineering centres.
- O&M.
- Ship to Ship transfer.
- Service and supply opportunities.

## Project Information

**Who is the port operator?**  
Stena Line Ports Limited.

**Freeport Status**  
Anglesey Freeport  
[www.angleseyfreeport.co.uk](http://www.angleseyfreeport.co.uk)

## Port Address & Contact Details

Stena Line Ports Limited  
Port of Holyhead  
Holyhead  
Anglesey  
LL65 1DJ

**Contact**  
Eamon Fortune  
Patrick Hughes  
Ian Davies  
[Holyheadportenquires@stenaline.com](mailto:Holyheadportenquires@stenaline.com)

[www.holyheadportauthority.co.uk](http://www.holyheadportauthority.co.uk)

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# CELTIC FREEPORT

The **Celtic Freeport** is a transformative public-private partnership in South West Wales, uniting Associated British Ports, Neath Port Talbot Council, Pembrokeshire County Council and the Port of Milford Haven. It offers a powerful platform for international investors looking to capitalise on the UK's green industrial revolution, particularly in floating offshore wind (FLOW), as well as marine energy, hydrogen and sustainable fuel technologies.

Operational from November 2024, the Celtic Freeport is poised to become a key driver of clean growth. The two designated tax sites – at Milford Haven and Neath Port Talbot – are strategically positioned close to Celtic Sea development zones. Anchored in Wales' industrial and maritime heartlands, the Freeport connects deep-water ports, leading engineering capabilities

and established energy clusters to unlock major opportunities across the renewables and low-carbon sectors.

With more than £8.4 billion of planned investment and 11,500 new jobs to be created, the Freeport delivers scale, infrastructure and a resilient future supply chain. Over time, the Freeport will host advanced manufacturing zones and innovation hubs, with a dedicated FLOW Centre of Excellence to support technology development, skills and research in offshore wind. This will support the delivery of the frontier industries identified in the UK Industrial Strategy.

Momentum is already building. Recent months have seen key planning applications progress, Celtic Sea seabed leases have been awarded, support has grown for stepping-stone FLOW projects, infrastructure funding streams have advanced, and international FLOW developers

are showing increasing interest in strategic sites at Pembroke Dock and Port Talbot. The Freeport also benefits from a robust pipeline of commercial projects and close proximity to forthcoming Celtic Sea leasing rounds, offering strong access to the UK's most promising offshore wind resources.

Combined with tax incentives, streamlined customs processes and supportive local governance, the Celtic Freeport presents a compelling, low-risk entry point into the UK's expanding green economy. The Celtic Freeport is more than a development zone – it is a gateway to a net zero future. It brings together renewables developers, global energy firms, industrial leaders, academic institutions and local communities to deliver sustainable industrial growth, not only for Wales and the UK, but for international partners committed to decarbonisation.



# PEMBROKE PORT: YOUR GATEWAY TO THE CELTIC SEA

## Where is the port?

Operated by the Port of Milford Haven, **Pembroke Port** is the premier gateway to the Celtic Sea, perfectly positioned less than 45km from the Celtic Sea Floating Offshore Wind development sites. On the tip of the west coast of Wales, Pembroke Port offers prime access to key transport routes, ensuring seamless integration into the region's extensive, highly skilled and experienced engineering supply chain, significantly reducing transit times and costs.

With experience in supporting fabrication and deployment of renewables technologies, the team at Pembroke Port understand the demands on the industry.

Following significant investment through the Swansea Bay City Deal, Pembroke Port offers expanded flat, open laydown and fabrication

spaces, a 67m wide slipway for enhanced flexibility in transferring large structures from land to sea, workboat pontoons, light and heavy industrial workshops and modern office spaces.

Pembroke Port is part of the Celtic Freeport – an ideal environment for scaling up offshore wind deployment. It is also a Freeport tax site, offering strategic advantages which can lower the cost of developing port-side fabrication, assembly and maintenance facilities.

## Primary Areas of Focus: Now

Current offer to offshore wind sector:

- Tailored cargo handling and heavy lift solutions.
- Comprehensive logistics support and stevedoring.
- Layover location – repairs, crew change, welfare, etc.

- Specialist local supply chain including chandlery, engineering, lifting, shipping and haulage.
- Preconstruction – Hosting survey, boulder and ordnance clearance vessels.
- Marshalling and fabrication – cables, moorings and anchors.
- Launching, maintaining and recovering marine energy devices and vessels.
- Test and Demonstration Foundation Assembly.
- Test and Demonstration Wind Turbine Generator (WTG) Integration (utilising interim Jack-Up Barge solution).
- Marine Engineering Centre of Excellence.
- Marine Energy Test Area.

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### Primary Areas of Focus: Future Opportunity

Expanded facilities to accommodate growing customer demand for:

- CTV/SOV Base.
- Operations and Maintenance operations.
- Increased capacity for:
  - Marshalling – cables, moorings and anchors.
  - WTG Integration.

### Port Facilities: Now

- 67m wide slipway engineered to handle the launch and recovery of vessels and devices.
- Premium heavy lift quay with a load bearing capacity of 20t/m<sup>2</sup> and access to -7m CD water depth, with alongside laydown.
- Workboat pontoons fully equipped with electricity and water connections.
- 8.6 ha extensive open air laydown areas.
- Secure, fully fenced and monitored storage facilities.
- Heavy industrial units of 30,000 sq ft.
- Modern office spaces of all sizes.



### Port Facilities: Future

- Maximum single quay length 480m.
- Maximum combined quay length 1.2km.
- Access to deep water up to -14.5m CD.
- 50t/m<sup>2</sup> heavy lift capacity.
- 34.8ha of laydown space.
- 40ha of development land for floater assembly, commercial scale integration and operations and maintenance.

### Project Information

#### Who is the port operator?

Port of Milford Haven

#### Freeport Status

Yes

### Port Address & Contact Details

Pembroke Port  
The Dockyard  
Pembroke Dock  
Pembrokeshire  
Wales  
SA72 6TD

#### Contact

Sharon Adams  
sharon.adams@mhpa.co.uk  
+44 (0)1646 696 631

[www.pembrokeport.com](http://www.pembrokeport.com)

# ABP PORT TALBOT

## Where is the port?

Associated British Ports (ABP) is a port owner and operator, with 21 ports across the UK offering marine, road and rail access to domestic and international markets.

Our five ports in South Wales are vital enablers of Wales and the UK's transition to net zero, by providing bases for green energy projects like offshore wind.

Our ports of **Port Talbot** and **Swansea** are in Southwest Wales, adjacent to Swansea Bay.

## Primary Areas of Focus: Now

The Port of Port Talbot has supported the operations of the Port Talbot steel works, importing coking coal and iron ore for the steel making operations via the extensive tidal harbour and import jetties. For decades, the tidal harbour has provided a protected marine environment for large Cape sized vessels to unload cargos efficiently and distribute material to stock piles.

## Primary Areas of Focus: Future Opportunity

The tidal harbour is now ready for the next industrial transformation for Wales and the UK to support the decarbonisation of regional industry and power generation in the Celtic Sea. ABP has developed extensive plans to repurpose the port to accommodate the import, export, marshalling, assembly, integration and commissioning of wind turbine foundations and components. This is in addition to other sectors such as Sustainable Aviation Fuel. The port is in a prime location to support the deployment of Floating Offshore Wind in the Celtic Sea with the ability to host a variety of construction activities within a single facility. Port Talbot has extensive development land available, and our vision is to create a world class industrial cluster supporting the manufacturing, assembly and integration of WTGs to support the Celtic Sea and fixed bottom OSW across the wider region. Once established, the port will become the

focal point for a wider supply chain to co-locate increasing the efficiency of delivery of OSW projects and act as a hub to manufacturing for export into other regions.

Port Talbot will also be able to support large scale O&M as well as supporting the deployment of test and demonstrate FLOW projects.

## Port Facilities

- Substantial development land available (> 70 Acres).
- Established industrial hub.
- Freeport status.

We support the following industries:

- Steel manufacturing.
- Construction.

Total port acreage = 900+ acres

Old Dock – Acceptance Criteria:

- LOA = 120m.
- Draft = 7.7m.
- Beam = 17.7m.



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### Harbour – Acceptance Criteria::

- LOA = 310m.
- Draft = 17m.
- Beam = >100m.

ABP has plans to transform the Port at Port Talbot into a major hub for FLOW and green energy. The port will become the central location for the manufacturing, assembly and integration of FLOW for projects in the Celtic Sea.

Port Talbot has suitable tidal conditions, a natural sheltered deep-water harbour and large amounts of developable land.

It is also ideally located close to emerging floating offshore wind opportunities in the Celtic Sea and beyond in terms of export potential.

The port will have:

- Cargo handling equipment and an experienced team of stevedores.
- Harbour tugs available.
- 24-hour marine access via deep water protected tidal harbour.
- Suitability for jack up vessels (subject to Harbourmaster approval).



- Will initially have up to 800m of quayside available.
- Independent WTG commissioning facilities.
- Extensive component storage areas.
- Port Land available for import, export manufacturing, assembly and marshalling of foundations and WTG components.
- Access to significant industrial hinterland.
- Ground bearing capacity ranging from 12-50 tonnes p/s/m (depending on customer requirements).

### Project Information

#### Who is the port operator?

Associated British Ports (ABP)

#### Freeport Status

The Port of Port Talbot is located within the Celtic Freeport, one of Wales' two freeports.

#### Port Address

Puckey House, Port Talbot Harbour,  
Port Talbot, SA13 1RB

# ABP SWANSEA

## Where is the port?

Associated British Ports (ABP) is a port owner and operator, with 21 ports across the UK offering marine, road and rail access to domestic and international markets.

Our five ports in South Wales are vital enablers of Wales and the UK's transition to net zero, by providing bases for green energy projects like offshore wind.

Our ports of **Port Talbot** and **Swansea** are in Southwest Wales, adjacent to Swansea Bay.

## Primary Areas of Focus: Now

The Port of Swansea is a well-established multiuser port for cargos and maritime industry. The port benefits from significant packages of already developed land and extensive development land.

## Primary Areas of Focus: Future Opportunity

Given Swansea's close proximity to Port Talbot, there is a significant opportunity to utilise the port estate to host a variety of OSW related supply chain to support both the construction phase and ongoing operations of OSW projects within the Celtic Sea. Swansea has close connections with higher education organisations and has the potential to become a centre for innovations within the Floating OSW sector.

## Port Facilities

- Uncovered/covered storage opportunities.
- Offshore support vessels regularly use the port.

Total port acreage = 700+ acres

We support the following industries:

- Construction.
- Ship repair.
- Manufacturing.
- Energy.
- Recyclables.
- Agriculture.

Acceptance Criteria::

- LOA = 200m.
- Draft = 9.9m.
- Beam = 26.2m.

Swansea is an established commercial port with proximity to Port Talbot, located only five nautical miles apart.

We see the port of Swansea supporting O&M operation for offshore wind projects in the Celtic Sea and further afield.

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The proximity of Swansea Bay allows for coordination on construction support and provides a location for supply chain organisations to locate – maximising the benefits that floating offshore wind can achieve by co-location in these adjacent ports.

We see the Swansea Bay being an essential foundation for a wider network of green growth opportunities.

The port currently has:

- Dry dock/ship repair facilities.
- Under 5nm from Port Talbot.
- Proximity to city amenities including a mainline railway station.
- Multiple vessel berths.
- Quayside open and covered storage areas.
- Large bank of development land.

The port is suitable for:

- Cargo handling equipment and an experienced team of stevedores.
- Harbour tugs available.
- It also offers offices, welfare, car parking and covered storage.



Swansea has:

- 350m of quay length and additional handling quay of 50m.
- Total facility size is 16ha.
- Ground bearing capacity (global) is 10 t/m<sup>2</sup>, with higher localised capacities subject to testing.
- 300-1200t mobile cranes, cherry pickers, crawler cranes, jacking systems and SPMTs.

### Project Information

#### Who is the port operator?

Associated British Ports (ABP)

#### Port Address

Harbour Office, Lockhead Kings Dock, Swansea SA1 1QR

# CROWN ESTATE: SUPPLY CHAIN ACCELERATOR

Over the last 25 years, offshore wind has established itself as a key industrial sector in the UK. It currently employs 40,000 people, a figure which could rise to 95,000 by 2030.

The Celtic Sea, which lies off the coasts of Wales and South West England, is set to play a key part in the next chapter of this story. This brings with it exciting opportunities for on-shore communities in terms of jobs and economic growth through a new supply chain.

The Crown Estate has also established a new £350m Supply Chain Investment Programme to invest in the construction of new port and supply chain infrastructure that will support accelerated delivery of UK offshore wind projects.

In June 2024 The Crown Estate established a £50m Supply Chain Accelerator fund to catalyse the capacity and capability of the UK supply chain in order to support a thriving offshore wind industry. The Accelerator provides early-stage development funding for offshore wind supply chain projects, supporting them to be investment-ready.

The first round of this new fund focused on realising the opportunities set out in the Celtic Sea Blueprint, which showed that more than 5,000 jobs and a £1.4 billion economic boost could be created through a new floating wind industry in the region. In December 2024 The Crown Estate awarded nearly £5 million to 13 organisations, including ones in Wales such as Marine Power Systems, Neath Port Talbot Group of Colleges and Pembrokeshire College.

The Crown Estate has now launched an expanded second round of the Supply Chain Accelerator, with up to £15 million available to help kick-start projects which support offshore wind-related port infrastructure and supply chain facilities across the entire UK.

Further details, on the Supply Chain Accelerator can be found here:

[Supply Chain Accelerator Fund | The Crown Estate](#)



The Crown Estate's Supply Chain Accelerator has been established to support the UK's thriving offshore wind industry. Offshore Wind Leasing Round 5 targets up to 4.5GW of floating wind in the Celtic Sea, with the potential to create over 5,000 jobs and £1.4bn for the UK economy. Welsh ports are expected to play a key role in the assembly, integration and deployment of next-generation turbines.

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# GREAT BRITISH ENERGY



- As part of the government's modern Industrial Strategy, Great British Energy will invest a total of £1bn in clean energy supply chains, to ensure the clean energy revolution is built in the UK.
- This investment will unlock thousands of jobs, kickstarting growth in coastal communities and industrial towns, and secure a cleaner, more independent energy future for the UK.
- Great British Energy has allocated £300m to invest in supply chains for offshore wind and related electricity networks.
- It is expected that the investment will directly and indirectly mobilise billions in additional investment – helping to de-risk clean energy projects, increase UK manufacturing capacity of key constrained components, and creating/supporting thousands of jobs to help revitalise the UK's industrial heartlands.



# NATIONAL ENERGY SYSTEM OPERATOR

The National Energy System Operator (NESO) is at the heart of energy system. An independent, expert public corporation entrusted with powering Great Britain. Established in October 2024, NESO was formed out of a need for resilience and coordination to serve the public interest. As an independent adviser, we work openly with the public, government and industry.

## What is NESOs role?

NESOs role is to ensure Great Britain has the energy it needs today and well into the future. Our core functions are to:

- Coordinate and direct the flow of energy second by second.
- Carrying out strategic planning and forecasting across the electricity and gas systems, and increasingly for hydrogen, out to 2050.

—Acting as an independent advisor, providing analysis and information to the UK Government and Ofgem.

NESO do not build or own infrastructure, that is done by the Transmission Owners Our role is to plan and advise on the energy system of the future that society wants and needs.

## NESO in Wales

Our influence and engagement are guided by policies that are implemented through various projects and plans.

The Welsh Government serves as a statutory stakeholder in this process. Our remit encompasses the decision-making framework in Wales and our specific role within it. For instance, while connections reform occurs independently as it is not devolved, we actively engage with the Welsh Government and various stakeholders on initiatives such as the

Strategic Spatial Energy Plan (SSEP), where the Welsh Government are co-commissioners, and the Regional Energy System Planning (RESP).

It is also our job to ensure the reliability and efficiency of the energy system, involving balancing supply and demand, maintaining system stability and integrating renewable energy sources into the grid.

We work closely with Welsh Government to make sure what we are doing reflects Wales' values and ambitions. It is all about building an energy system that is resilient, sustainable, and works for Wales today and tomorrow.



# WALES – DEVELOPMENT BANK OF WALES: YOUR GATEWAY TO BUSINESS FUNDING



**The Development Bank of Wales** is here to help you navigate the funding that you need to start-up, strengthen and grow your business in Wales.

Established by the Welsh Government in 2017 to support the economy of Wales, we offer a range of debt and equity funding including:

- Loans from £1,000 – £10 million to start, strengthen or grow your business.
- Equity investment from £50,000 to £10 million for established businesses.
- Seed finance for pre-revenue tech start-ups.
- Equity investment for early stage and mature technology-based businesses.

- Finance to buy a business (business owners and management teams).
- Property development loans for commercial, residential and mixed-use projects in Wales.
- Co-investment alongside banks, crowd funders, grants, investors and other lenders.
- Referrals to Business Wales for business advice and support.

## **Powering our economy**

With core objectives to facilitate an entrepreneurial culture, support financial inclusion and prioritise social impact, the Development Bank has £2 billion in funds under management and a portfolio of more than 3,600 business customers.

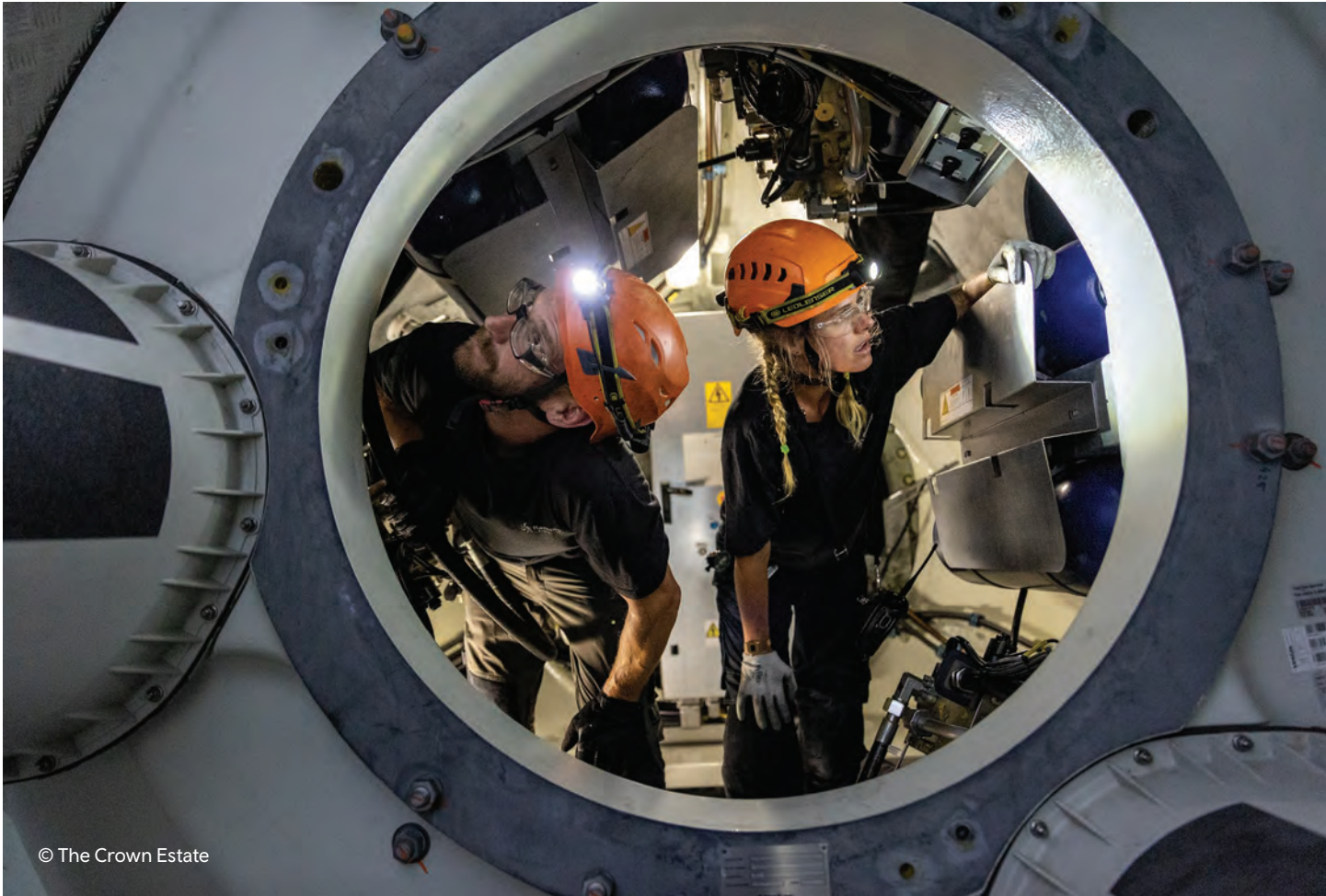
## **Unlocking sustainable finance**

We helped 502 businesses to create and safeguard 6,185 jobs across Wales in 2024/25 with funding of £152 million. Deals ranged from loans of £2,000 to £17.5 million, with the average being £272,000.

With teams based on the ground in communities throughout Wales, we're supporting the transition to a low-carbon economy and working across a broad range of sectors including those that offer the highest growth opportunities. From engineering to renewable energy and defence, it's all about making sure that businesses based in Wales or relocating here can access the funding that they need to start-up, scale-up, adopt new technologies and create employment opportunities.

Visit [www.developmentbank.wales](http://www.developmentbank.wales) to find out more.





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# WELSH GOVERNMENT BUSINESS SUPPORT: INNOVATION, BUSINESS WALES

## **Business Wales**

Business Wales is here to help your business expand and grow through networking, workshops, help develop your business skills and by identifying funding opportunities. We have a range of resources available and we provide specialist support.

Sell2Wales is an information source and procurement portal set up by the Welsh Government to help businesses win contracts with the public sector across Wales and help public sector buyers to advertise and manage tender opportunities.

## **Develop the skills of your workforce**

The Flexible Skills Programme (FSP) is a Welsh Government funded initiative that supports businesses across Wales to invest in themselves and build a stronger, more skilled workforce.

Employers can apply for funding to cover up to 50% of accredited training costs, with a maximum contribution value of £50,000 per application. There is no minimum funding limit and multiple applications can be made during the year.

Whether you're looking to fill skills gaps, retain staff, or attract new talent, the Flexible Skills Programme can help you invest in your team's future.

## **Apprenticeship Support**

Our [Apprenticeships Skills Policy Plan](#) sets out the Welsh Government's vision for addressing the needs of Welsh businesses and the wider economy. It has been designed to increase skills levels in priority areas, including where shortages have been reported.

We have four priority areas:

- Increasing the number of apprentices aged 16-19 by increasing the take-up of quality apprenticeships amongst school leavers.
- Addressing skills shortages by developing apprenticeships particularly in growth and emerging sectors such as the ICT, Engineering, Construction and Financial and Professional Services.
- Developing higher level skills by focusing on apprenticeships at level 4 and above where returns tend to be higher.
- Developing skills pathways by integrating apprenticeships into the wider education system and making it easier for someone to enter into an apprenticeship from another learning route.

### Innovation

Innovation can help your organisation to become more competitive, increase sales and enter new markets. The Welsh Government is building a stronger, fairer, greener country, with an economy based on fair work, sustainability and the sectors of the future. We help businesses, the third sector, public sector bodies and research organisations to innovate and create new products and services. This can help increase commercialisation, improve skills and ensure Wales remains competitive and strives towards carbon-free in the future.

SMART Flexible Innovation Support (FIS) is open to any organisation wishing to engage in Research, Development and Innovation (RD&I), including the third sector, local authorities and health boards.

For a new organisation this might mean accessing technology to get a new idea off the ground; for a developing one, it could be help with a project which you know has potential; and for an established organisation it might be about specialist know-how to give you an international edge by opening up new markets.

Delivered by a team of specialist engineers, scientists, industrialists and intellectual property experts, helping Welsh organisations achieve "*Innovation Excellence*". This increasingly means a focus on decarbonisation and the circular economy as part of Welsh Government's commitment to a better world.

The scheme is about three things:

1. Expertise – we work in Wales but have access to a UK-wide network of specialists.

2. Money – funding can be key, so we can help you access finance.
3. Support – specialist advice from an approved framework of advisors.

We recognise the importance of collaboration and have many networks, agreements and partnerships that can help you connect with many like-minded innovative organisations in Wales, the UK and across the world.

Contact

<https://businesswales.gov.wales/>  
for more information

## Working together

Our job at the Welsh Government is to make life easier for you.

Our Team will work with you to deliver a tailored package of support, including advice on financial incentives and support, skills, recruitment, supply chain, business networks and property and location.

If you want to come and see what Wales has to offer, we can arrange a visit so you can experience our projects first hand.

## For more information:

Email: [inwardinvestment@gov.wales](mailto:inwardinvestment@gov.wales)

Website: [tradeandinvest.wales](http://tradeandinvest.wales)

## Disclaimer:

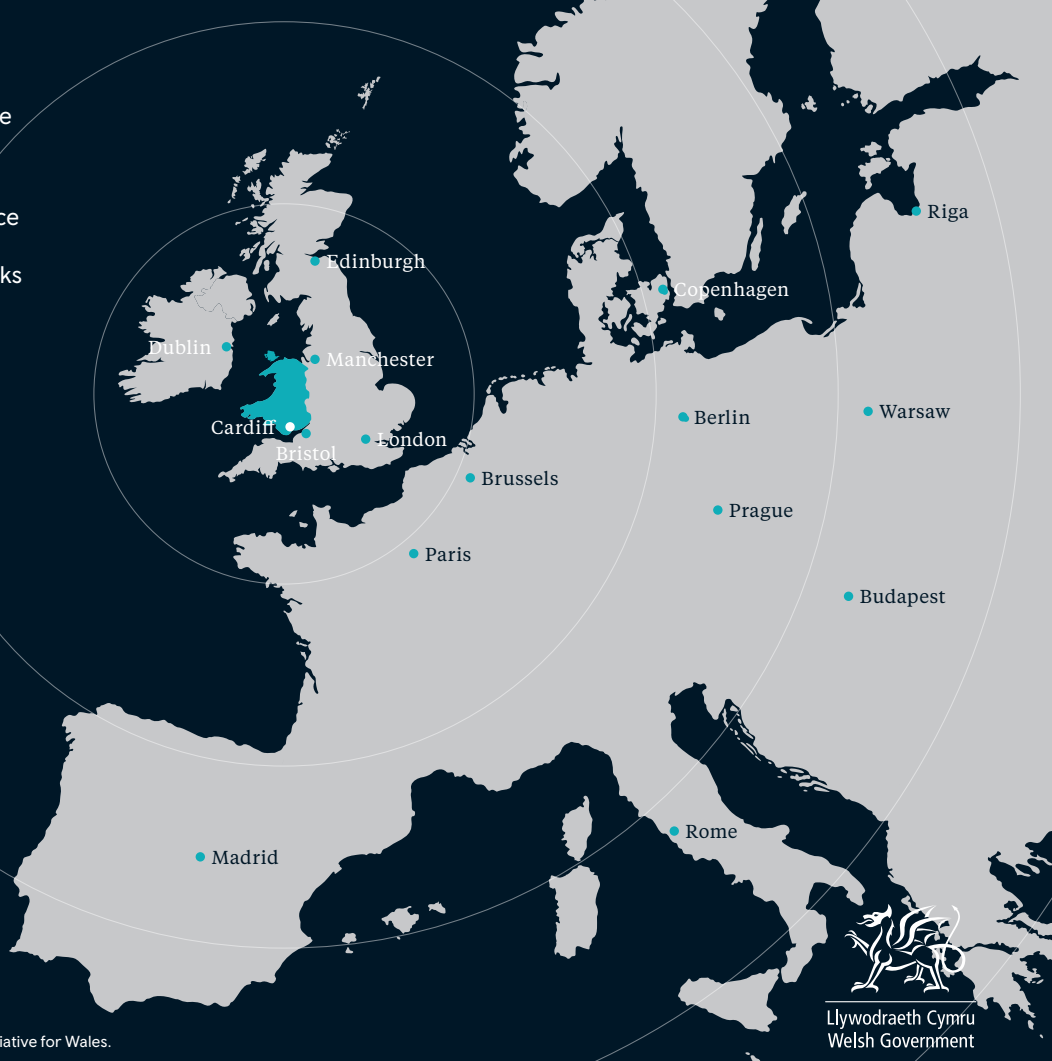
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